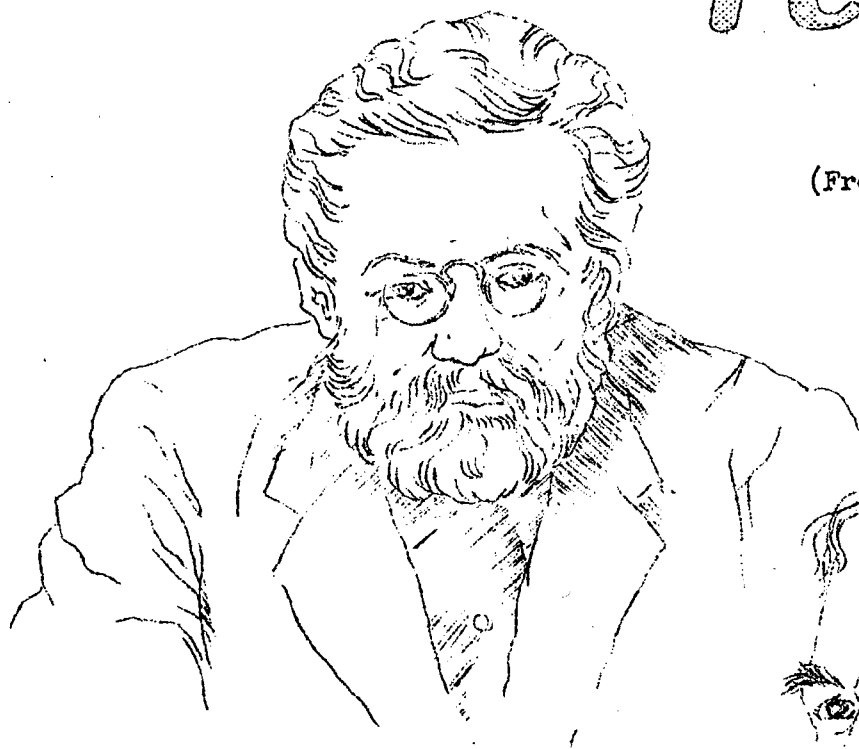


# two inventors return

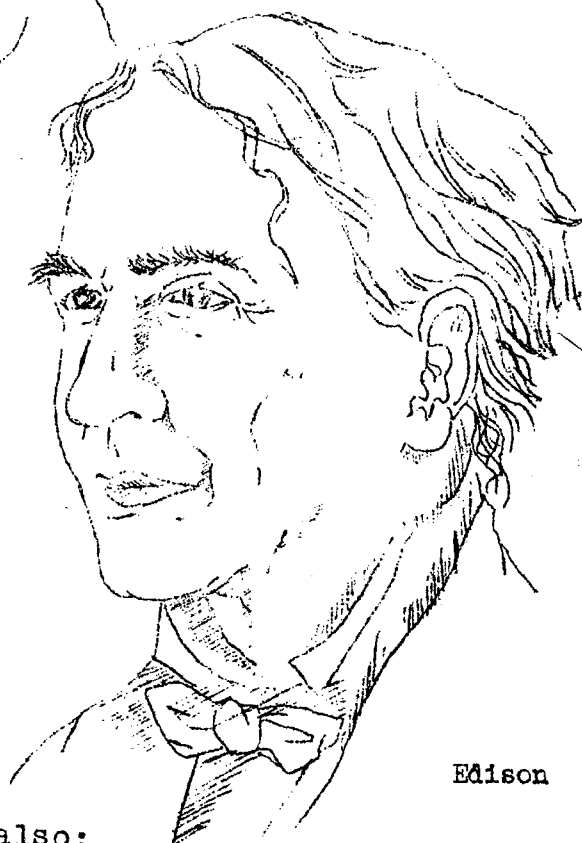
By J. Gilbert E. Wright

(From May 1949 Round Robin)



Steinmetz

A Borderland Sciences Research Associate succeeds in building a successful electronic receiver for contact with the spirit world, under the guidance of Thomas A. Edison and Charles P. Steinmetz. Also included, drawings of the Edison Psychic Microphone and the Vandermeulen Signalling Device.



Edison

Including also:

P R O J E C T   H E R M E S

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BSRA #12

# TWO INVENTORS RETURN

BY

J. Gilbert E. Wright

Excerpts from a letter by J. Gilbert E. Wright, Schenectady, to the Round Robin Editor. Mr. Wright is a research chemist in the employ of General Electric Company; he is highly experienced in psychic investigations and is the author of many articles and reports. He is also the inventor of the singular "bouncing putty" referred to below.

J.G.E.W. to "I cannot get away from the 'bouncing putty'. It has  
Meade Layne many of the properties of semi-materialized ectoplasm.

"(1) It flows. (2) It takes sharp impressions. (3) It takes and holds a strong static charge. (4) It is elastic. (5) It has unusual acoustic properties. (6) In spite of its softness it shatters like glass when struck with a hammer, and rolled into a ball and placed upon a dentist's vibrator (60 cycles) it bounces indefinitely without losing shape.

"As regards publication, the name of '(the English medium referred to in the following text) cannot be used until after the expiration of her contract with Mrs' (A. M-B., a very wealthy woman) . . . Maybe I am mostly curious as to what the M.P. Controls think of the story and if they can contribute anything toward the work started evidently by Edison and Steinmetz. I seek no personal reward. If the contents of this report can be useful to others, so be it."

Yours . . . etc.

J.G.E.W.

\* \* \* \* \*

## MR. WRIGHT'S STORY

In the Summer of 1940 at Lake Hopatcong, N. J. (Frank Becker's Spiritualist's Camp - White Eagle), Edison is described by a clairvoyant as standing beside me. I do not believe it. I had seen Edison, knew some of his associates but had never spoken to the man himself.

The following Summer at Chesterfield, one of Clifford Bias's guides says that I am to work on an invention to make possible intercourse with the spirit world without recourse to a living medium. I do not believe it.

During the same visit to Chesterfield, Steinmetz materializes for me thru the mediumship of Mrs. Mary Langley Beattie. He said: "I want to get in touch with my own people." There was the same characteristic strut, the jutting beard, the long thin cigar, the hunch back. He was carrying the American flag. This was my first visit to Chesterfield. I was unknown. Mr. Jewett Clark, the cabinet attendant, who supplemented the remarks of the spirits by information received supernormally from the guides within the cabinet said: "He wants to get in touch with his own people."

"Is that the American flag?" I asked.

"Yes, can't you see it?" Steinmetz replied and he held it up by opposite corners so that it was visible to all.

"What does he want?" I asked Mr. Clark.

"He wants to get in touch with his own people."

"What does he mean by that?" I asked. The following then came from Mr. Clark without interruption or acknowledgement from me:

"Would you know an Alexanderson? A Dr. Alexanderson? Are you General Electric? Schenectady? Wasn't this man a German? Wasn't he connected with public life? Wasn't he a Jew? He insists he was always known as 'C.P.' Is that right?"

"Yes, to everything," I replied, "except that I am sure he was not a Jew." I was wrong, of course.

"He seems to want to get in touch with his own people."

"What does he mean by 'his own people'. His former associates? His relatives? The German people? The Jewish? If, indeed, he were Jewish, which I doubt."

"I don't know."

The next morning I went to Mr. Clark and asked for a sitting. He is a mental medium. I said to him: "Apropos last night's seance and the apparition of Steinmetz, I have a feeling he did not succeed in expressing all he wanted to say. I feel, in particular, that the flag had a significance which we missed. Now, let me tell you of my relationship to Steinmetz. I did not know him very well. Of course he was a familiar figure in the offices and laboratories of the General Electric Company and for a great many years I saw him almost daily. I was present half a dozen times, perhaps, in small groups over which he presided and I think I shook hands with him once. I was not attracted by his personality and I am sure he did not come to me for any personal reason but because I was General Electric to him and engaged upon defense work or because he wanted thru me to get in touch with others. Can you supplement what you received last night?"

"I will try. He seems to want to get in touch with his own people."

"I don't know what that means."

"I think it is his former associates and I get the impression there were four of them."

"Would Dr. Alexanderson be one of them?" (The pioneer in radio communication and inventor of 'The Alexanderson Alternator.' He, whose boy was kidnapped. I know him.)

"Assuredly. Are you sure he was not Jewish?"

"Now, that you press me, I seem to recall that there was something Jewish about him."

"Didn't he have his own cypher?"

"Not exactly a cypher but he kept his notebooks in a shorthand of his own devising. I have a copy of the key."

"The reason I mention this is because I see a notebook and I see writing around the edges of one of the pages and some of the characters which I am sure, resemble Jewish script. He signs it 'C.P.'. He seems to want to call attention to this notebook, that it contains information which may be valuable in connection with National Defense. He insists he was always known as 'C.P.' Is that right?"

"Yes."

"Would David mean anything to you?"

"No."

"I now get the name Roger or Rodney. Would that mean anything to you?"

"No."

"I am sorry, that is all I can get." He refused to accept a fee.

The following day I had a sitting with Mrs. Mary Murphy Lydy (now deceased). The lady gets the spirit voices in broad daylight! I suppose there is no greater miracle in the world today. Any scientific man that is not willing to bow his head in humility after having been a witness to this, is no longer a scientist, nay, not even a man. My witnesses were: Mrs. Juliette Pressing, co-Editor of 'The Psychic Observer', and Mrs. Grace Schafer, writer, poet and painter. The room was as well illuminated as a sun porch, besides which, the medium stood under a 150 watt bulb. She looked to be about sixty-five at the time of our visit, walked with a limp, and as her legs were bandaged, I rather imagine she suffered from varicose veins. She stood and rested her arm upon the back of a kitchen chair and with her left finger and thumb held the aluminum trumpet by the wide end. The voices were audible not only to the sitter but to all in the room. This sounds incredible, but so it is. The only other medium that can produce this phenomenon to my knowledge, is Mrs. Sophia Williams of Chicago, the medium that Hamlin Garland used in his search for the buried crosses. My brother came thru first of all. I then asked for Steinmetz and immediately a voice announced that he was 'C.P.'. The following conversation then ensued:

"I have an idea, Dr. Steinmetz, that when you materialized for me on Sunday evening, your message was incomplete. Is that right?"

"Yes. I want to get in touch with my own people."

"I want to get in touch with Arthur H. Compton, C-O-M-P-T-O-N." The last was spelled out slowly, loudly and deliberately.

"Have you a message for him?"

"No. Tell him that I am still carrying on. He will understand." That was all.

It was then, and only then, that I suddenly awakened to the meaning of Mr. Clark's remarks. The "David" was William David Coolidge and the "Rodney" was Willis Rodney Whitney, my own superiors in the research laboratory of the General Electric Company. They were known to their intimates respectively by their middle names. Steinmetz assuredly would have called Dr. Whitney "Rodney" and Dr. Coolidge "David", just as he used to call Alexanderson, "Alec".

Dr. Whitney at that time was vice-president in charge of research and Dr. Coolidge, director of the laboratory. He is best known for his invention of the 'Coolidge X-ray Tube'. Both men are now retired as I, too, am retired. Dr. Arthur H. Compton, of course, is the famous Nobel-Prize Winner, the authority of cosmic radiation and was deeply involved in the development of the atomic bomb. At this time he was director of the Ryerson Physical Laboratory at The University of Chicago. I wrote a full account of the foregoing seances to Dr. Compton. Here is his reply:

The University of Chicago,  
Ryerson Physical Laboratory,  
October 13, 1941.

"Dear Mr. Wright:

Thank you for your letter of September 28 with regard to Dr. Steinmetz. In the form that the message comes, I must say that it means nothing to me. I shall, however, see if it is possible to follow up the matter here. If anything develops, I shall let you know.

Yours very truly,  
Arthur H. Compton."

This letter meant to me that had the message come in another form, it might have been intelligible. Also, it meant that Dr. Compton was in touch with mediums or a medium thru whom it might be possible to 'follow up the matter' and finally, a willingness to let me know the result if he obtained any corroboration. A few weeks afterwards, Dr. Compton lectured before the research staff of the General Electric Company. I approached him after the lecture, introduced myself and asked if he had anything to report. He confessed that he had been having sittings with Mrs. Sophia Williams, that he had tried to arrange a sitting with her before coming to Schenectady but had been unsuccessful on account of his activities for the National Research Defense Council. I met him again about two months later in the Tudor Room of The Hotel Commodore, in New York. At that meeting he confessed to me his regrets that thus far he had been unable to have further sittings with Mrs. Williams for, "Mr. Wright," he said, "I have no doubt whatsoever but that Steinmetz returned to help us in our war work." Brave words from an eminent man!

A few months after this I was present at a sitting for Materialization in New York, the medium being Mrs. Bertie Lilly Candler. "Silver Leaf", her Amerindian guide, said to me: "Gilbert, Edison and Steinmetz are standing behind you. Do you know you are going to make an invention soon?" I replied that I was glad to hear it for that was my bread and butter, thinking she referred to my regular work.

I then spent considerable time in The Schenectady Museum looking thru what was left of Steinmetz' notebooks. Most of them, I discovered, had been disposed of to private collectors. I saw nothing resembling the drawing seen clairvoyantly by Mr. Jewett Clark.

There then appeared in "The New York Spiritualist Leader" an item which annoyed me very much. It ran as follows:

"At a trumpet seance last night, the medium being Alexander de Chard, Edison came thru and stated that he was still interested in a device to make

possible communication between the two worlds without making use of a living instrument. In his lifetime he had been interested in such a possibility. He now said he had successfully impressed his ideas on Gilbert Wright of the Research Laboratory of the General Electric Company who would have the device perfected within three months."

I immediately wrote to Miss Marge Hall, the editor, denying that there was any truth in the above statement and asked that my denial be made public. It was. However, no sooner was my letter in the mail, than I began to wonder if I had been altogether truthful. I had not been working upon such a device, in fact, on philosophical grounds, I had always regarded such a possibility as nonsense and that the search for a physical means of communication was a hopeless quest. I had, nevertheless, written two letters on the subject, one to Mrs. Gwendolyn Kelley Hack, the noted writer, traveller and psychic researcher, author of "Psychic Mysteries at Milesimo Castle" and "Venetian Voices" and the other to Mr. Frank Hoge, of The Bell Telephone Research Laboratories, in which I said that the only feasible starting points were, in my opinion, either the Geiger Counter which would require the control of one electron only, or the Crookes Radiometer.

The following summer I was at Ephrata Spiritualist Camp, Pa. and had a sitting with Hugh Gordon Burroughs, the famous voice medium. At that sitting Steinmetz announced himself:

Said I: "You are just the very man I wanted to talk to. You probably know that I wrote to Compton?"

"Yes."

"Altho I have assiduously tried, I cannot find your notebooks. I have reason to believe that they were disposed of by private sale."

"The notebooks are not so important now. We think we can get over what we want to without them." Note the 'we'.

"Dr. Compton has been expecting to get a message from you thru that medium . . ."

"In Chicago, you mean?"

"Yes, I cannot for the moment recall her name."

"Neither can I. That's strange." (Mrs. Sophia Williams, of course.)

"Speaking of 'impressing', I was very much annoyed by that false message that purported to come thru de Chard in New York to the effect that Mr. Edison had successfully impressed me towards making an invention whereby we on our plane would be able to communicate with yours without the use of a living instrument."

"My dear Sir, I am glad you mentioned that for that was not a false message! Protest as much as you please, we have been impressing you for some time. Mr. Edison is here now and will speak to you."

"This is Mr. Edison. As Dr. Steinmetz has said, we have been impressing you for some time. We find that you are the only man in the General Electric Company whom we can impress." Here I broke in:

"I thought that perhaps the Gei..."

"The Geiger Counter..." (He took the word out of my mouth). "We thought of that and also the radiometer." (I had not mentioned it). "We have another idea in mind now..."

"With the Geiger Counter you could use the Morse code."

"We don't want the Morse code. We want a device like a loud speaker that will hang on the wall."

"How can I best prepare myself for receiving your instructions?"

"By not trying; but you ought to keep a pencil and writing pad by your bedside."

"But to return to the de Chard message, it was promised that we should have the instrument before the public within three months."

"We underestimated the time. It will be towards the close of the war."

"Oh, Lord! That means ten years!"

"No Sir! Off the record, the war will not last ten years!"

"But, Mr. Edison, are you sure that you and Dr. Steinmetz will be conferring a benefit on Humanity by any such instrument? We have enough Hell as it is. God help us if all the demons in the Astral plane break thru!"

"They won't. You take care of your end. We'll take care of ours."

(This is typical Edisonian speech).

I now had a sitting with Mr. McBride Panton for clairvoyance. There was no possibility for collusion with Burroughs, as Panton was having lunch in another building while the Burroughs sitting was in progress. I have deleted all irrelevant matter.

"... I am now taken to the middle west - to Chicago. There is someone there with whom you are trying an experiment (Compton?). I see a plaque about a foot square. It is chocolate colored. (Selenium?). I am now taken to the world of metals - Tungsten? - Uranium? I am stopped at Uranium. (Any connection with the Geiger counter? Uranium is used to demonstrate the effect). I come East again. Would you know Edison and Steinmetz? (I make no reply.) It seems that they and you and this man in Chicago are trying an experiment together. Hamlin Garland comes to my mind (He used the mediumship of Sophia Williams.) I cannot get this man's name (Compton?). This seems incredible, but I get the impression that all of you are trying to invent a device to make possible intercourse with the other side without making use of a person like me." (You will notice that the ground has shifted. Recall my interpretation of Steinmetz' visit and of Mr. Clark's remarks was that Steinmetz had returned to help us in our war efforts. This was also Compton's interpretation. Steinmetz subsequently denied thru another medium that he had ever mentioned the war. He said from his first contact with me, he had in mind only the question of this device. The 'war effort' interpretation had arisen in our own minds. This shows the importance of keeping close to the text and not allowing our imaginations to run away with us. It was the American flag that threw me off.)

"... I am now back to Steinmetz and Edison. They have given up the idea of the radiometer. (I had not mentioned anything concerning this matter

to the medium and one would not expect a psychic to be familiar with such matters. In fact, the whole seance bristled with technical terms.) They have also given up the idea of the Geiger Counter. They now favor a chemical method (I am a chemist). As I understand it, communication will take place while the reaction is going on. There is a French influence here and possibly a little Italian, but I have to go far back in time." (I guess this to be Basil Valentine, the alchemist and my guide.) "Would Faraday be mixed up in this? He is alive, isn't he?" "No," I replied, "Faraday died in 1867." "Why should he be in this?" he asked. "Well", I replied, "if I were Steinmetz and Edison, Faraday would be the first man I should call upon for assistance."

There was some other matter dealing with my relations with "Margery" Crandon, whom I knew well, but since it is not relevant I leave it unrecorded.

The next sequence begins in September, 1942, when I again cross Compton's path. I had purchased a book from Adrian Wynnoble, of the Psychic Book Center, New York. On returning home, I found inserted between the leaves, a few pages of typescript with a hand-written addenda. But before proceeding to relate the contents, let me state that it is still a mystery how these pages came to be there. The proprietor, a man to be trusted, denies any knowledge of them and we can only assume that a prospective customer glancing thru the contents of the book used these pages as a book-marker and inadvertently left them there.

The typescript is an account of how Dr. Mark Richardson of Boston, the life-long friend of the Crandons and participator in the bi-weekly seances at 10 Lime Street, over a period of nearly fifteen years, was startled by repeated knockings in his apartment at Commonwealth Avenue on the evening of "Margery's" death. He was alone. The rappings were loudest on a door leading to a fire escape down or up which no intruder could readily vanish without detection. A sudden opening of this door, after a series of knocks, revealed no one. The old gentleman, at that time nearing eighty (since deceased), was so frightened that he kept the light on all night.

Dr. Richardson was known to me. I had met him some seventeen years previously at the Crandons' but rarely during the interval.

The document then went on to state that at a sitting with an English medium, staying at a New York hotel, "Margery" came thru and confessed that she had been responsible for the rappings and expressed great amusement that he, of all men, who had had so many years experience in the seance room, should have been scared by these manifestations.

That was all. The document was unsigned. A year after, I was able to discuss the matter with Dr. Richardson. He could throw no light on it. The matter of the rappings and his relationship with this medium were known only to his immediate family. The handwriting was unfamiliar.

I took it upon myself to write to this medium, stating that I was a man of long experience in things psychic, that I had known both Dr. and Mrs. Crandon well and that I would be highly appreciative if she would grant me the privilege of a sitting.

I received a slightly indignant reply to the effect that she was not a public medium, charging no fee, and was working for a group without whose permission no seance could be granted. She further wondered how I had gotten to learn of her existence, for her doings and those of the group had been kept secret.



I did not acknowledge this letter. As far as I was concerned, the incident seemed to be closed. A week or so passed and I received another letter from her.

(Mr. Wright then gives biographical details concerning this English medium, a cultured woman with artistic gifts. She had been brought to this country by a wealthy American woman, and was under contract and rather rigid supervision by a group of American investigators, including a famous physicist, and a distinguished psychiatrist and medical man. She was also observed by a John Hopkins psychiatrist, the late Adolph Meyer, for over six weeks. He had her on the lie machine, the electroencephalograph, examined the conductivity of her skin, etc. ("It all sounds to me like so much silly PhD stuff. Piles of typescript reports, of course, but nothing published", says Mr. Wright)).

She is preeminently a trance medium and knows nothing of other forms of mediumship. She was aghast when I told her of some of my experiences and was frankly quite incredulous. She had never heard of 'the direct voice', 'apports', 'materializations', 'slate writing' and so on. She is marvellous from the standpoint of furnishing evidence for survival. She is in the class probably with Mrs. Gladys Osborne Leonard of London or our own Arthur Ford. She is exceptionally good at 'cross-correspondences' and 'cross-references' but is vastly inferior to your own Mark Probert as I have since learned.

My contact with this medium is important for two things only. (1) There is strong evidence that the invisibles wished to bring me closer to Compton and (2) Steinmetz is reported by Kian Chu, the control, as being present. Here follows our conversation:

Kian Chu: "Did you know that you have a German helper?"

J.G.E.W.: "No."

Kian Chu: "You do not like that, do you?"

J.G.E.W.: "No."

Kian Chu: "You mustn't feel like that. Do you know who he is?"

J.G.E.W.: "I have had a few words with Baron von Schrenk-Not-zing."

Kian Chu: "No, it is not he. His name begins with 'S'. He is a hunch-back. He is small. I have the name now, it is Steinmetz. You do automatic writing?"

J.G.E.W.: "No. I have tried but I have no talent."

Kian Chu: "You ought to have. You tried automatic writing one evening with your friend, Owen" (The Rev. Owen R. Washburn of Brattleboro, Vt.) (Right! Fact that I have a friend, Owen, and that in his presence I tried automatic writing, unknown to medium.) "This man, Steinmetz, came thru and wrote for you. You did not believe it, (correct), but your friend, Owen, did. I want you to tell your friend that you were wrong and he, right."

I now have a seance with Arthur Ford in New York. Fletcher, his guide, reporting says: "Lodge is here and a man with a hunch-back. He is a helper but not a guide."

The next sequence has to do with the development or rather 'discovery' of my 'bounding putty'. It has been widely publicized in the daily press, 'Life' and on the screen by 'Pathe News'.

The material is as soft as plasticine: softer, for it will flow like molasses when left on the table; but if rolled up into a ball and dropped on the floor it will bounce like rubber, only much higher. Actually the rebound is 85% of the distance thru which it is dropped. It takes and holds easily a strong static charge and one variety has astounding acoustic properties. When held close to the ear and struck it resounds like a drum. It is interesting to strike it with the finger nail whilst listening to it with a stethoscope. A slight tap sounds like a sledge-hammer blow!

Now, scientifically, this behaviour means that it is very sensitive to high frequency vibrations. It reflects them, while low frequencies are absorbed. Percussion sounds, i.e., raps, are one of the easiest ways the spirit world has of communicating with us; hence the use of the tamborine in the early days of the movement. A rap is more audible on a stretched piece of parchment than it is on a wall or table, for example. It struck me that I might devise a very sensitive instrument for 'rapping' spirits by utilizing my bouncing putty and other resources. I had an Indian drum. I proposed to take this, place a piece of bouncing putty thereon, stick a tooth pick upright in it and have the top end smeared with luminous paint. In this way a 'rapping spirit' by tapping the parchment would cause the vibration to be transmitted to the putty which in its turn would cause the luminous match to wiggle back and forth, thus rendering the vibration visible as well as audible to the observer.

So I brought home from the laboratory a sample of the putty, placed it upon the drum and inserted the match with the luminous end upwards. I then put the whole close to the wall of my bedroom where I was accustomed to hear raps and extinguished the light. I did not get any results but then I am not a physical medium and I had difficulty in maintaining the match in an upright position. It ought to have been supported by a wire loop.

Now, a week previous to this, I had noticed in "The New York Times" Book Section, a review of a book by an engineer and architect entitled: "Our Invisible Friends". The author was a Maurice Allen, and he was hailed as a second Mrs. Curran. He was credited with producing automatic script and the content was said to rival Patience Worth. Incidentally, it does not! I obtained the book from The Psychic Book Center and, frankly, I was disappointed. The author has mediumistic gifts to some extent, but it is evident that the messages are colored from some source. I found the book tiresome reading and was less than half way thru when the above experiment was tried. That night as I lay down, I stretched out my arm from the book. It opened towards the last quarter and I came across this passage purporting to come from Thomas A. Edison:

"An invention is needed . . .

A stove, a varnished pack, an endalence,  
A dippy piece of putty and a stick...  
A little dab of parchment."

Now, this book was unquestionably off the press before I discovered my 'bounding putty' and long before it was brought before the public. My colleagues usually refer to it as 'the crazy putty' or 'the dippy putty' so paradoxical are its properties. The 'stick' reasonably corresponds to 'match'. One might demur a little at equating 'a parchment drum' with a

'little dab of parchment' but the scribe warns us of interference. The 'varnished pack' is without doubt, a 'condenser'. 'Stove' means the application of heat. 'Endallence' we cannot find in any dictionary, literary, medical or technical.

It is hard for me to believe that mind can communicate with mind except by means of a living organism in spite of the fact, as we have seen, that both Steinmetz and Edison have intimated that I am to invent with their help just such a 'mechanical medium'. It was to have been 'in three months' and then 'towards the close of the war', so it is already long overdue.

I now have a sitting with Goldie Guernsey at Schenectady. Edison announces himself. I ask if the passage in Maurice Allen's book was intended for my eyes. He answers emphatically in the affirmative and adds that he gave me the 'bouncing putty' whether I know it or not! I laughingly ask him if he wants his name on the patent with mine. "Perhaps, like the patent lawyers, he does not believe much in 'split' patents, for according to patent law, two inventors cannot share one idea between them?" "Perhaps his name only should be there?" He does not reply to these digs. I then ask him if my interpretation of the Maurice Allen message is correct. "Does 'stove' mean the application of heat?" "It does." "Is a 'varnished pack' a condenser?" "It is." "What does 'endallence' mean?" "It means the bringing of ends together -- 'end' and 'commence'." I suspect here what the psychologists call "clang" associations. Goldie evidently offers as much interference as Maurice Allen himself does.

Perhaps the writing out of this will help. I do not believe in telepathy nor mind reading. Thought is an activity of the mind. It is evoked from the mind and cannot be imparted to it. I believe this is good Philosophy. It is good Personalism and Existentialism, anyway. All the so-called evidence for telepathy and its opposite, mind reading, can be explained in terms of clair-sentience. After counting a million and a half cards, Rhine is beginning to come around. I pointed out to him some years ago that his experiments did not prove telepathy. The spirits agree, I find. Ray Burns' famous guide, Dr. Aylesworth has said frequently: 'We do not pretend to be mind readers.' Spirits can only judge of what is going on in our minds by what we say, what we do, or what we write. So this full expression of my thoughts may be helpful to Steinmetz or to Edison if either is looking over my shoulder.

I then go to Ephrata with Mons. L. A. Huguemont. At a private sitting with Bertha Eckroad, Steinmetz comes thru and likewise in a private sitting with Elizabeth Fabian. In neither sitting is anything significant said but veiled references are made to 'the device'. Then in a sitting with Edith Greene, Grace Schafer, Dr. Julien Ortiz and L. A. Huguemont being present, Edison comes thru and Steinmetz is reported as being present. Edison refers spontaneously to 'the bouncing putty' and says it is to be used. We now have an adventure.

Mr. Huguemont and I are walking together across the campus. We hear a voice behind us:

"There are Mr. Wright and Mons. Huguemont now!" We turn around. A short elfish man with bright intelligent eyes was approaching us.

"Are you gentlemen Mr. Wright and Mr. Huguemont?"

"I am Mr. Wright and this is Mr. Huguemont", I replied. He seemed at a loss as to what to say next and then...

(The newcomer introduced himself, explained that he had just come from a seance with Mr. Ford, where he had been told that Mr. Wright and Mr. Huguemont were on the campus and that he was to meet them. Mr. Wright assured him that he and Mr. Huguemont were responsible persons in the employ of the General Electric. The newcomer then went on to say "rather shamefacedly":--)

"You will find it hard to believe this but during the last year I have been in touch with Steinmetz who has been impressing me with the view to developing a device whereby we can communicate with the spirit world without making use of a living instrument."

"I am not a bit surprised", I replied. "He has been after me with the same object in view for the past seven; Edison, too. Let us sit down and I shall tell you my story first of all." I then outlined briefly the contents of the preceding pages, emphasizing the part my 'bouncing putty' was allegedly to play.

"My God! 'Bouncing putty'!", said the newcomer who had introduced himself as Harry C. Gardner, an inspector in the Elmira, N.Y. plant of The Remington-Rand Company. "When I was preparing to come away, my son wrapped up an extra shirt for me in a newspaper. As I put it into my suit case, I noticed an item staring me in the face. It read: "SILICONE RUBBER AND BOUNCING PUTTY". I tore it out and put it in my side pocket. It sounded as tho it might interest me. Here it is. I haven't read it yet."

Mr. Gardner then went on to explain how he had built a 'sound box' which could be used to dispense with the trumpet in the usual trumpet sittings. It was a box of about seven inches, by seven, by fourteen, lined with soundproof material, having a hole in one side sufficiently large to allow the passage of a broom handle and a microphone in a remote corner. The microphone was connected to a 'loud speaker' which could be placed in another room at some distance. The 'sound box' was placed close to the medium in the dark room and connected to the 'loudspeaker' on a platform in the auditorium. The sitters' voices could be heard but not clearly whereas the spirit voices were loud, clear and well articulated, showing that the ectoplasmic larynx had been formed and was functioning within the box.

I had to disillusion Mr. Gardner as to the originality of the idea. Such a device was built many years ago by Dr. B. K. Thorogood, director of The Franklin Technical Institute, Boston, to prove the independent nature of the 'Walter' voice in the 'Margery' mediumship. The Thorogood box, however, was much more elaborate and free from the obvious objection which would be raised by all doubters, namely, the hole in the side. The Thorogood box consisted of a copper-welded box about 12" x 12" wherein was placed the microphone. Four solid inches of sound-proof packing was wrapped around this which again was placed in a steel-welded box. Another eight or ten inches of sound-proof material followed and as an outside casing, a wooden box. It opened like a safe, that is to say, the adjoining surfaces of box and door, were notched as a safe is notched. The whole resembled a packing case of about 3' x 3' x 3' and weighed 150 lbs. It is unthinkable that any sound could penetrate from the room to the microphone chamber; but apart from surmises, the experiment was tried. Shout as loud as one pleased, no sound came out of the speaker three floors below, whereas in the presence of 'Margery', the 'Walter' voice was quite audible. How did the ectoplasm penetrate to the microphone? We can only suppose it seeped between the adjoining surfaces of door and box. The box, by the way, was secured by a Yale lock during the experiment; the key, in Thorogood's pocket.

Mr. Gardner explained that Steinmetz seemed to be aware of the shortcomings of the present design but had hinted that 'this was only a beginning'; more was to follow.

As I was leaving the next day, we arranged an early morning sitting with Ernest Holden. At that sitting, Edison came thru and Steinmetz was reported to be present. Edison intimated that we were to work together, I to supply the chemical knowledge and Gardner, the mechanical and electrical, and a statement was made that the bouncing putty was to be used. At the time we had no idea whatsoever in what manner it was to be used.

Gardner and I soon met in New York for a memorable sitting with Mary Olson. My guide, Basil Valentine, came thru and said he was assisting Steinmetz and Edison. Steinmetz came thru and said assuredly the bouncing putty was to be used. I asked if the fact that it took and held a strong electric charge was of importance. He replied in the affirmative and added that 'they must have that electric charge'. He said they were having trouble in finding a suitable 'covering'. This was puzzling, but I was moved to make the following statement. I said I had found that if I impregnated cheese cloth with the material it did not flow out. "Yes", said Steinmetz, "I saw you make the experiment. Very clever! But cheese cloth is not exactly right." This, however, gave me a hint. He repeated that the bouncing putty was to be used and that he would impress me. Edison then came thru and addressing Mr. Gardner, said: "I think it might interest you to see the blue print of the device that I was working on before I came over here." We both exclaimed that nothing would please us more; but where, on earth were we to find it?

"You might try Ralph Fascht (this was spelled out) of 165 Pinehurst Avenue, New York, or Bill Gunther of the Consolidated Edison Company. His offices are in the Empire State Building. Incidentally, he is interested in Spirit Photography, or perhaps, best of all, Edith Ellis, 152 West 58th Street." I have never known such specific directions to be given thru mediumship. Mrs. Gwendolyn Hack, who was present, took the notes.

I took Mrs. Hack to lunch and Gardner 'phoned Edith Ellis. She said she was going over a play with an actor-manager, who would soon be gone, but she would give him three minutes. Actually when they did meet, she gave him three quarters of an hour.

Mr. Gardner found her to be a very old woman. One does not gain this impression from her picture on the jacket of the Wilfrid Brandon books. She explained that she did not know much about Spiritualism and knew few Spiritualists, that Spiritualism was a side line with her; her real work being play and scenario writing. Once or twice during the conversation she became entranced and her control, Wilfrid Brandon, took over. She or Wilfrid, it is hard to say which at times, told Mr. Gardner he was interested in Masonry and was thinking of joining the order (correct) and that he would do so soon. When he brought her around at last to the purpose of his visit, she admitted she knew all about the Edison drawing. "It was not a blue print" but said it was in the possession of Commander Wynne of Brooklyn. "He was not to worry. She would get it for him." Harry left her with the conviction that she was perfectly sincere and that she fully intended to get the drawing for him, but, as he said to me: "Gilbert, it is one thing to make a promise like that and quite another to carry it out. What guarantee have we that the Commander will hand it over?" Months passed and he had no word from Edith Ellis and then he received a letter apologizing for her silence which was caused by the death of her husband and the settling of his affairs. She attached a letter of introduction to Commander Wynne with a request that he hand over the

drawing to Harry C. Gardner. Mr. Gardner went to Brooklyn and saw the Commander who turned over the drawing or, more correctly, a tracing as the original had been lost. So Mr. Gardner and I are now in possession of possibly the only drawing of Edison's idea extant! I say this confidently as I am now in touch with Miss Mary Childs Nerney who has been assigned the job by the executors of the Edison estate to cull Edison's effects with a view to publishing a book on the inventor's work in the realm of the psychic. It will be a 'Scientific Book of the Month' choice. Apparently his notes were scanty and thus far she has not found any reference to the drawing in question.

Now for the background. Shortly after Edison's death a society was formed to investigate occult things from the physical standpoint. They called themselves: The Society for Etheric Research and it was incorporated under the laws of Delaware. The original members were:

Commander Wynne.

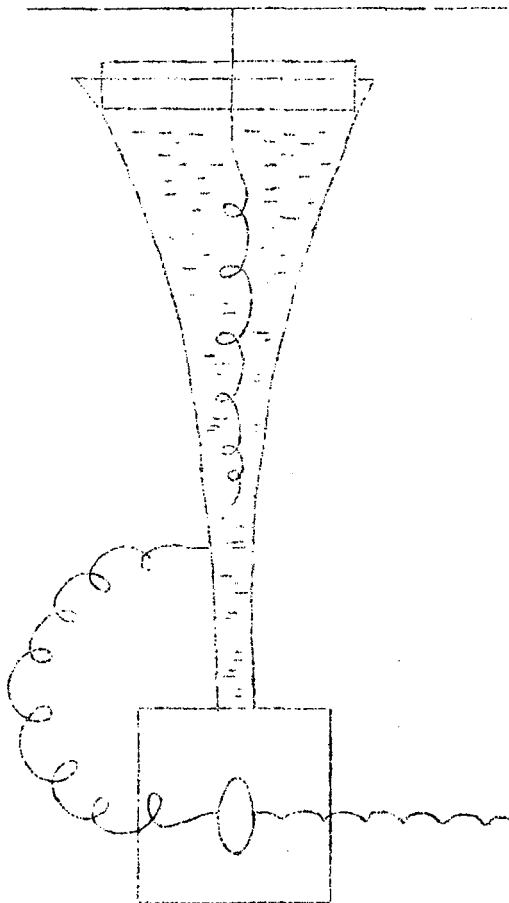
Ralph Fash (Not Fascht as spelled by Edison. He died some time ago; a fact apparently not known to Edison).

Bill Gunther, and

Edith Ellis. She was psychic even then!

They did not get anywhere. The Edison device did not work.

#### Thomas A. Edison Device

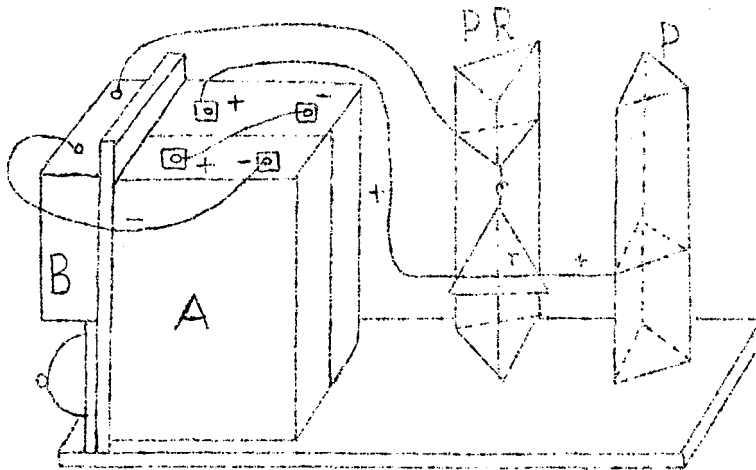


It consists of a cubical box in which is placed a microphone. In the top of the box is a hole from which rises an aluminum trumpet. The dimensions of the box are 4" x 4" x 4" and the trumpet about 18" in height. The wide end has a wooden plug inserted therein and an aerial comes down thru the middle of the plug to half way down the trumpet. The outside of the trumpet and the aerial are connected to two terminals respectively of the microphone. The trumpet is filled with potassium permanganate, whether in solution or in crystal form is not stated. It is clear what Edison had in mind.

The aluminum wall and the interior wire form the opposite poles of a battery or primary cell - the potassium permanganate being a strong oxidizing agent and is the electrolyte. The imagined etheric waves which were to actuate the microphone were thus to be amplified by the electrolytic action of the battery. "So communication would be taking place while the reaction was going on!" Recall Pantton's remark. It would seem to be an echo of what was once in the inventor's mind. Oh these Akashic records! Also note that in the Olson seance, Basil Valentine says he is helping. Pantton says: "There is now a foreign influence, French and perhaps a little Italian, but I have to go back far." Basil Valentine flourished about 1260 to the best of our knowledge and his first books were published in French.

Commander Wynne speaking: "Although the Edison device did not work, here is something that did! And he turned over to Mr. Gardner an original Belgian patent, written in French and granted to a Belgian boy of fifteen by the name of Henri E.G.B. Vandermeulen. Mr. Gardner does not know French and now we may see perhaps why Mons. Huguemont was drawn into this as well as I. Herein follows M. Huguemont's translation:

#### Vandermeulen Signalling Device



Supplement du Bulletin du Conseil de Recherches Metapsychique de Belgique.

January 1, 1931

#### Instructions for mounting the Vandermeulen Signalling Device.

##### 1. Invention of Device.

This apparatus was conceived on December 16, 1929 by the Henri Vandermeulen, who died on July 31, 1929, at the age of 15. It was constructed by his father, who completed the work on Sunday, December 22nd, 1929, according

to the accurate indications given by the inventor and communicated to his father by means of a ouija board.

## II. Construction of the signalling device.

The signalling device consists of four main elements:

- (1) Two prisms of glass, 15cm. in height and 3 cm. in width, one of which is completely coated with rosin (P and PR in the drawing);
- (2) An ordinary dry cell for ringing the bell (A);
- (3) An ordinary commercial electric bell (B);
- (4) A triangle made of iron or tinned copper wire, which must be very fine and light and equipped with a suspension hook (T).

The prisms rest on a wide base, insuring their stability.

The rosin-coated prism can be obtained by covering by means of a brush, the three faces and the base by means of commercial rosin rendered fluid or molten on a low fire, the prism being heated prior to the coating.

While cooling, the rosin tends to crack; to avoid this shortcoming it is advisable to add, while still in the molten state, one cubic centimeter of turpentine for every 25 grams of rosin, the quantity which is required to cover one prism including base. The rosin must be very hot but must not boil.

When the coating is about 1 cm. thick, the whole is heated so as to equalize the rosin on the glass surface.

The prisms having been thus prepared, are placed on the board which is to act as support, so that there is a distance of 5 cm. between the circular feet and so that one of the faces of the bare glass prism be parallel with one of the faces of the rosin-coated prism; one of the edges of the latter must be directed towards the copper wire which connects the glass prism to the positive pole of the cell.

This copper wire of about 1 mm. diameter starts from the positive pole of the cell and is bent downward prior to terminating at the prism P (bare glass), around which the end is securely fastened; it must pass 2 cm. in front of the edge of prism PR.

The dry cell A, consisting of one of the two elements (depending upon the resistance of the bell), is placed on the prolongation on which the prisms are mounted, and the bell B is mounted on the vertical board.

From the prism PR goes a copper wire, which surrounds solidly that prism at a distance of about 4 cm. away from the upper end. This copper wire is connected to one of the terminals.

The end of the copper wire, which is attached to prism PR, is terminated by a little hook, another hook is attached, terminating the light triangle T, which is made of very thin iron or tinned copper wire, so that the triangle will hang at a distance of about 15 mm. from the prism's edge, and 5 mm. from the horizontal positive wire. The base of the triangle is about 6 mm. below this positive wire.

In this way, the triangle hangs between the prism PR and the positive wire, and at rest its base must be parallel with that wire.



Finally, the negative pole of the cell is connected by means of a copper wire to the other terminal of the bell. When mounted in this manner, the signalling device is ready to operate.

### III. Operation of the Device.

The entities which desire to communicate must cause the bell to operate by pushing the light triangle T against the horizontal positive wire.

To this end, they project against the two prisms a flux of energy which electrifies positively the glass prism P and negatively the prism PR.

The positive electricity of prism P passes along the positive wire attached thereto, while the negative electricity of Prism PR flows thru the wire and the hook to the light triangle suspended thereto, and acts as switch.

The triangle which is negatively charged is thus repelled by the negative rosin-coated prism and is drawn by the positive horizontal wire; the triangle and the wire make contact, and the circuit of the cell is thus closed; the current flows thru the bell and causes it to ring.

### IV. Purpose of the Signalling Device.

The purpose of the signalling device lies in informing persons who are busy otherwise, that an entity desires to make a communication. To this end, the entity causes the bell to ring, and if the person called has the required faculty of taking a message by ouija or automatic writing, the latter may be received.

On the other hand, if a person is near the apparatus and a present entity desires to make a communication, it informs that person, and the latter may then receive the message by the means that have been outlined.

If while a person is present the bell does not ring, it is because the entities do not wish to communicate.

In the case when a person who is near the apparatus desires to receive a message, several minutes are needed sometimes before the entity who wishes to communicate has enough dynamism to cause the bell to ring. One sees then that the triangle moves, and finally makes contact with the positive wire.

According to recommendation by the inventor, the signalling device will not be placed on the market in its entirety. Only the elements will be found on the market which are required for its construction. The device will have to be assembled by those who desire to possess it.

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The writing of this description has been onerous but this is the first time I have attempted to write up the story and I wanted the record complete. I am keeping a copy for future use. The document is unnecessarily wordy but patent law makes no concessions to literary form. The device is really quite simple as can be seen from the attached photostats.

In telling the above story to Mrs. Gwendolyn Kelley Hack, I learned she knew all about the device, having experimented with it at 'Villa Serena' above Florence in Italy, and afterwards at the residence of Dr. and Mrs. R. Assagagioli at Arraggio in 1938. Mrs. Hack's notes taken at the time, state that the machine 'worked lustily' in a small room used freely for meditation

and teachings by Dr. A. "On one occasion when Dr. A. was conducting a service and praying for guidance in the most crucial hours of the Munich crises, the bell would ring loudly in the next room as tho accentuating or commenting upon a particular phrase or important remark made by Dr. A. Attempts were made by Mrs. A's brother, Luigi, to modify the apparatus along the lines of the 'ticker machine' in order that messages might be received by Morse code. The power available was ample but uncontrollable and after much work was done, the device still remained a 'signalling' device only".

Up to the present time neither Mr. Gardner nor I have had either time or opportunity to have one of these devices made.

This long account of the Vandermeulen Signalling Device has been in the nature of a diversion from the main story, namely the development of the Wright-Gardner Sound Box but it is part of the story. My faith waxes feebly at times. I feel strongly, however, that Edison's main object in leading us to his drawing and to the signalling device was to convince us that it was truly Thomas A. Edison communicating. How otherwise could we have got that drawing?

Mrs. Hack and I now have a sitting with 'Eddie' Mackey in New York. Edison is reported as being present and Steinmetz comes thru. He again refers to the question of the 'covering' and says he and Edison are thinking the matter over.

Mrs. Hack has a solemn sitting with Mary Olson. Steinmetz comes thru and asks her to tell me that they are still concerned about the 'covering'.

In the meantime, Mr. Gardner at Elmira, Williamsport and elsewhere has sittings with private as well as with public mediums and 'cross-references' to the 'covering' are made.

I have a sitting for voice with Dorothy Maxwell at Freeville, N.Y. Edison comes thru and again refers to the 'covering' but says nothing constructive. I have a feeling that he is waiting on me. Spirits don't seem to be able to take the initiative. I was much impressed by a remark made by Ray Burns' Dr. Aylesworth, the last time I was at Ephrata. "Remember", he said, "our thinking is conditioned by yours". I take this to mean that they cannot build except upon foundations laid by us. If we do some original thinking, then they can help us but if we refuse to think, they can do nothing about it. Perhaps the relationship is like unto flower and root. There is a mutual interdependence. The flower cannot bloom unless the root furnishes phosphorus but if the root does its part, the flower can transmit the energy it receives from the sun.

Be that as it may, about this time 'for the fun of it', I introduced finely reduced iron powder into the bouncing putty. In this way I obtained a compound that (1) was magnetic, that (2) took and held a powerful static charge, and that (3) still retained its outstanding acoustic properties. The medium knew nothing about this.

Mr. Gardner and I have a sitting with three mediums in Albany, N.Y. --Margaret Lewis, Elizabeth Fabian and Bernard Rodin, the first two being in trance. Steinmetz comes thru and again mentions the bouncing putty but seems rather depressed because he cannot think what the next step is to be.

I have a sitting with Margaret Lewis alone in which he is a little more hopeful.

Mr. Leon Hugueмонт and I have a sitting for materialization with Arthur Taylor in Albany. The first materialized form is that of Steinmetz. He speaks volubly about the putty and is most enthusiastic. Although he says nothing definite, he seems to be 'on the track'. I do not help him out.

Mr. Gardner and I have a sitting with Margaret Lewis. At last Steinmetz knows what he wants! I am instructed to add as much finely reduced iron to the compound as it will stand, to make it magnetic without sacrificing any of the acoustic properties or the ability to take and hold a static charge! We are to line the whole inside of the box with it. Then comes the question as to how we are to prevent the top and sides from flowing to the bottom. What sort of 'covering' are we to use? At last the cat is out of the bag! I suggest my old cheese cloth, pinning it down here and there with upholstery tacks. But Steinmetz seems to think we should use fine copper gauze. We are then further instructed to wrap the whole box with glass cloth. I know what that's for. Ectoplasm cannot get thru glass, therefore glass is used to prevent the dissipation of the energy while it is being built up into a larynx within the box. A telephone mouth-piece must be inserted at the hole to furnish guidance for the pseudopod as it emerges from the solar plexus of the medium. The glass cloth must be tied down with string as one ties a parcel.

At the next meeting with Margaret we are prepared but only partly. We have the iron-filled bouncing putty on the bottom and we lay some on the top but the sides are bare except for a layer of felt. The box is wrapped by glass cloth and the mouth-piece is in place. We shout into the mouth-piece, whisper or whistle. Nothing, absolutely nothing, comes out of the loud-speaker! Margaret tries, Leon tries, and a Mr. Louis Rask -- a sceptical General Electric engineer tries. It is no good; the loud-speaker is 'dead'.

We then have a seance. The box is placed in front of Margaret. She has no trumpet. Her guide, Dr. Cushman, speaks to us; Steinmetz comes thru and expresses his satisfaction; my wife comes and many others. Rask is very much impressed.

The next day, being Sunday, we decided to use it at the evening service. Margaret sat in the cabinet at the rear of the hall with the sound box on a small table in front of her on the level with the solar plexus. The loud speaker was on the platform in full view and in full light. The cabinet curtains being of thin black material admitted some light from the room. She had no trumpet and she shared the confined space with a sceptical member of the audience. The experiment was repeated with Elizabeth Fabian as medium. In both cases messages were given and heard by the audience and in one case a woman said she had received a particularly veridical message. Dr. Cushman, Dr. Steinmetz and my wife came thru. Elizabeth's 'Emily' was particularly convincing. Isn't it about time that the foolish talk concerning Jimmy Laughton be stopped!

Our next experiment a month or so later, was in some ways more impressive; in one way, less. Mr. Gardner had not carried out, on account of lack of time, Steinmetz' suggestions nor mine. The inner sides were still of felt but he had impregnated the material with bouncing putty. The result was that the bouncing putty had lost its acoustic properties. When we talked into the mouth-piece, our voices were to some extent audible in the loud-speaker -- somewhat garbled, but still audible. The seance was held in the bedroom of Margaret Lewis's home: 55 State Road, Rensselaer, N. Y. Mr. Gardner sat in the darkened room alone with Margaret and without trumpet. Iona Brandt, the materializing medium, and I sat in the next room with the loud-speaker on a table in front of us, in full light. Steinmetz came thru in characteristic speech and manner. We then placed Margaret on a chair half way within the

clothes cupboard. In front of her we placed the box supported on a small circular table such as is used for plants. Around her neck we wound a black cloth and draped it over the box. She was now sitting like a man in a barber's chair waiting for a hair cut. The loud-speaker was on the dressing table. We had a red light sufficiently bright so that her face was quite visible. We three sat on the bed facing her. Margaret went into trance and immediately Steinmetz spoke to us from the loud-speaker. He was followed by my wife, Naomi, the medium's daughter, Norma, Mr. Gardner's daughter, Dr. Cushman and two others. The speeches were short and not particularly informative but they were all markedly different. The Steinmetz voice was indubitably his. I can say this with conviction. The 'sound-box' voices are much more characteristic of their owners than anything Margaret can achieve with her trumpet.

The next step was clearly indicated. We must work towards the end when Margaret or any other voice medium can sit behind the platform desk on which rests the 'sound-box' in full light. The loud-speaker may be placed anywhere. A black cloth will be draped over the medium's shoulders and over the box. But you will say, "Why all this paraphernalia? Mary Murphy Lydy could produce the 'direct voice' in light. Sophia Williams can with the aid of an amplifier; so can Jack Kelly. You have made little progress for all the fuss." That is true. I am only too painfully aware of it. The history of this case is typical. Time and again during the past century an inventor assures us that with the help of well-known spirits he is going to devise a machine for communication with the spirit world. He adduces all sorts of evidence similar to the above. It is going to be accomplished 'in a few months' or 'just next year'. The experimental work runs a course similar to mine. Much time and money is spent but nothing is achieved. Another two years have passed but nothing further has been accomplished. Two summers ago at Freeville Spiritualist Camp Steinmetz thru Arthur Ford says: "You have gone as far as you are likely to go with the 'sound-box'. You have let loose a Frankenstein. Unless the world is spiritualized, it will be destroyed." Occasionally still a carrot appears in front of my nose.

In December, 1947 I receive a letter from a stranger. He is a Joseph O. Johnson and is case supervisor of the Vocational and Adult Education Department of the State of Wisconsin. He tells me that he had a sitting with Goldie Guernsey at which sitting Steinmetz came thru and proffered some advice on the building of some of his prosthetic devices, notably artificial limbs. My name and address is given and he is told I am the inventor of 'bouncing putty'. "He must write to me and obtain samples. The material must be placed between the articulations." This is an excellent idea, by the way. It ought to give the sufferer more control of the device. Quick movements would carry all articulated parts along as tho they were one member; relaxing, they would fall into place. I reply to Mr. Johnson and furnish samples but have heard nothing further.

Another carrot! I now have a 'bouncing wax' so that a 'covering' is no longer necessary.

In spite of the fact that Steinmetz, communicating thru Ford, avows his disinterest in the device, he still continues to encourage Gardner thru other media. Nothing progressive, however, has been forthcoming in the past two years.

Perhaps my inherent scepticism is the stumbling block. I have never been able to accept the idea that the various planes above our own are but successive attenuations and that the electron on the seventh plane is but the ghost of the ghost of the ghost of the ghost of the ghost of the ghost of the

particle that shoots across our vacuum tubes. Still, spirits continue to tell us that a purely physical device for communication is just in the offing and will be a 'fait accompli' ere long, and I confess to having been much impressed by a statement made recently by N. Meade Layne, director of the San Diego group, that 'one of their pet theories was that matter was continuous thru the various planes'! So. Back come my ghosts of the electron. I have too much respect for Mr. Meade Layne to laugh. He may be right. I have to leave the matter anyway to the younger men. I am now 66 and retired. I have no laboratory facilities. I trust that when we do get the mechanical device, it will prove a blessing but "A hae ma doots!" I simply cannot imagine the home of the future with a television set and radio and a super-radio to the Astral plane. Maybe Aldous Huxley could do something with the idea. In any case, I am not so bigoted but that I would like to have Mr. Meade Layne ask the Mark Probert controls what they think of Steinmetz, Edison and the bouncing putty.

J. Gilbert E. Wright

Note by  
Meade Layne

Several of the controls of Mark Probert have asserted that instrumental communication meant the creation of a mechanical medium; that such an apparatus must reproduce the subtle and involved mechanisms, chemicals, forces, and 'wave-lengths' emanated by the mind-body complex of the living medium. They believe that this task is next to impossible, and further, see little sense in it, since we have the 'apparatus' ready for use in the medium himself. It is true that they hold to the continuity of matter throughout the various planes, but this is not equivalent to saying that a mechanical or chemical ether-bridge can be constructed, which will do the work of the psycho-physical human entity. Moreover, most of the communicators who have expressed themselves on this believe that the determined sceptic who refuses to deal with the abundant evidence now at hand, will be equally unimpressed by any kind of apparatus. And if it is knowledge from the astral side we are interested in, they tell us we can learn on our own plane everything known to the invisibles, if only we will learn to control consciousness, practice meditation and so on -- which does not appear to me to be very good logic or commonsense. But I note that the scientist and mathematician Harry Laverne Twining, a member of the San Diego group and lately deceased, is still interested in the problem (to judge by his 'communications') and seems to believe it can be solved. -- But there are many angles to this matter. The spectrum of sound, for example, is said by the communicators to be continuous as is that of light. Sounds pass out of audibility but can be picked up on astral and etheric levels if desired; and the astral sound, the 'sound of thought' may even come through onto a sound recorder, provided there is a medium present (wherein lies the catch).

We are much pleased to present this scholarly and painstaking research by Mr. Wright. No small part of its value lies in the insight it gives us, into the active and serious interest taken by at least a few distinguished scientists and technicians in psychic and spiritistic problems, along with their recognition of mediumship as a genuine and factual phenomenon. It is likely that if the truth were known, this acceptance (in varying ways and degrees) would be found much wider than is commonly believed. We must remember that the scientist who turns his attention to such matters has nothing whatever to gain, and often much to lose, by making his interests known. "Science", of course, not being a person, has nothing whatever to 'say' about spiritism or mediumship, and no single person or institution has any right to act as spokesman for the scores of thousands of scientifically trained minds. All that we actually have, is the personal and occasional opinions of individuals; and these run both pro and contra everywhere, on a great number of problems of every kind. If weight lie in numbers, every tyro of psychic studies knows what long lists of names can be compiled from the world of the sciences, in

support of all the phenomena of spiritism and of the spiritistic explanation of them. The argument is not particularly valuable, since every egregious error of humanity, in the sciences and elsewhere, has had wide-spread and impressive support. And 'proof', if you please, is a Protean word, or an omnibus or portmanteau word; nine times in ten, even in mathematics and logic, you can pack into such a bag just what you personally prefer to carry with you.

## PROJECT HERMES 7 0 7 0 7 0 7 0 7 0

In the fall of 1951 the former director of BSRA, Meade Layne, received a diagram and description of an untried electronic device whose avowed purpose was to stimulate ESP. Meade published this in the Nov-Dec 1951 Round Robin. Some of the Associates, and no doubt others, made haphazard attempts to construct a working model; but only one, Associate Ed John of San Francisco, reported any positive success with it. He claimed it worked to some degree with everyone on whom he tried it; but his report was so at variance with the failure of all the rest that nothing was really settled, one way or the other! Apparently no systematic attempt was made to calibrate the variable condenser, so that uniform responses of the brain for different settings could be predicted. Nor did anyone come up with the maximum and minimum frequencies of the coils, as specified in the original diagram or in Ed John's modifications! So in effect, in this year of 1960, we are starting from scratch in reviving Project Hermes; though your present director of BSRA hopes that electronics have come so far in eight years that the original questions can be easily answered now.

### MEADE LAYNE'S INTRODUCTION

"The manuscript of Project Hermes comes to BSRA Hdqrs. from one of our most gifted Associates, and is submitted for our information. Readers will note the discretion and reserve with which the author expresses himself. In fact, he advises against publication, lest in event experiments should come to nothing, the BSRA 'might appear a bit ridiculous'. But the BSRA publications are a clearing house for novel and may-be productive ideas in the field of Borderland research; their value can be determined only by experiment and cooperation -- which in turn implies that they must be made known. The fact that we publish them implies nothing except that the BSR Director thinks them interesting and worth examination; and the author of the Hermes MS himself makes no other claims. He is, however, well known to many of our Associates, and his identity would command a respectful hearing for anything he has to offer."

### NOTES and COMMENTS ON PROJECT HERMES by Associate R.M.Holland

"This circuit and other information was given to me via para-normal means, by a technical source with whom I have been in contact at intervals for the past 4 or 5 years. Some of the information from this source has proven valuable, but -- caution -- much of the other information received proved to be worthless. Therefore, do not place too high a value on it, or assume its correctness, unless or until actual tests can be made,

"The device is supposedly a reproduction of an ancient communication instrument -- one form (there are several others) of what Dick Shaver called 'telaug' in his writings. Its main use by the ancients was to communicate telepathically with others on the same here-living plane. My informant says, however, that it can also be used to communicate with entities on other planes, if properly tuned. This particular form is very short range under ordinary circumstances. That is: its effect will influence only persons or entities in the immediate vicinity, when used singularly. If, however, two persons each have such a device, and the devices are tuned to each other, they will work over fairly long distances. The actual method of operation is to create a controlled vibrational field which will sensitize those within its influence. It may be noted that several persons have apparently been sensitized to telepathic contact by wild radiations from electric arcs, etc. Electric welders and old time spark-gap radio operators were usually regarded as a peculiar lot and would confess they got a lot of screwy ideas while in the influence of the arc.

"The original device was made of components which have no modern counterparts and could not be reproduced in a large laboratory except at prohibitive cost. The effort during the past few years has therefore been to find commercially available components which would reproduce the same effect as the original. This has involved (on my part) the securing of technical characteristics on hundreds of electronic components, which my contact would check for the particular effect he wished to secure. (This explains the apparent familiarity of the communicator with our components.) It must be emphasized, however, that my contact has no facilities for actual construction, and that he has evolved the circuit entirely from the theoretical point of view.

"Comment on the actual circuit: Parts (1) and (4) are a conventional oscillator circuit. Parts (3), (7) and (8) would be a conventional radio-phone modulator circuit if (7) was a by-pass condenser, and (8) was a microphone. As it stands, it is over my head. Communicator is very insistent that nothing but a variable reluctance unit will work at (8). The (2), (5) and (6) setup at the lower left is also over my head. I cannot visualize what effect they would have. Note that the tube is connected so as to form a triode, but communicator insists that it is essential that the pentode be used, as all triodes which I told him about lacked the proper characteristics.

"I cannot guarantee to secure any further information which any may desire, as contact with my communicators is at his option, not mine. That is: I have no way of contacting him, but must wait until he decides to contact me."

This was Associate Holland's explanation and summary of how he received the original material prior to its release in 1951.

Then in March, 1952 Mr. Holland summarized additional information which had come to light, both from his own sources and from those Associates who had written to Meade and to him of their efforts.

#### A TELEPATHIC COMMUNICATING DEVICE

"Project Hermes is a telepathic communicating device. While primarily intended for use between persons on this plane, it can if tuned to the proper frequency, reach any intelligent entity on any plane. The information concerning it was given, by para-normal means, by friends on another planet and plane.

"It creates a high frequency field which will sensitize individuals to such contacts by stimulating some ordinarily unused portion of the brain. There may also be some heterodyning involved. The frequency used is one which carries only a short distance and is easily stopped by solid objects. Thus it will ordinarily influence only those in the immediate vicinity. If, however, it is tuned to the exact frequency of another similar instrument, or to the natural mental frequency of some other being, then by the law of resonant rapport its range becomes theoretically unlimited. For the intended use, however, exact resonance is not necessary and quite a large frequency tolerance is permissible. In some cases it may be necessary to make slight tuning adjustments in order to produce identical results in different individuals.

"It should be understood that the information was not presented as a fully and immediately workable device, but merely as a basis from which to begin experimentation. The actual device used by the communicators could not be exactly duplicated by us because the parts are not to be had here. On the other hand electronic components available here are not available to the communicators, so they can do not experimental work with them. Such would be useless even if it were possible. Due to differences in the natural mental 'wave lengths', a device suitable for them would produce no results for us, and vice versa. They have attempted to select components which are commercially available to us, and theoretically work out a circuit which will produce essentially the same result as the device used by them. They do not claim to be infallible, and some changes may be necessary.

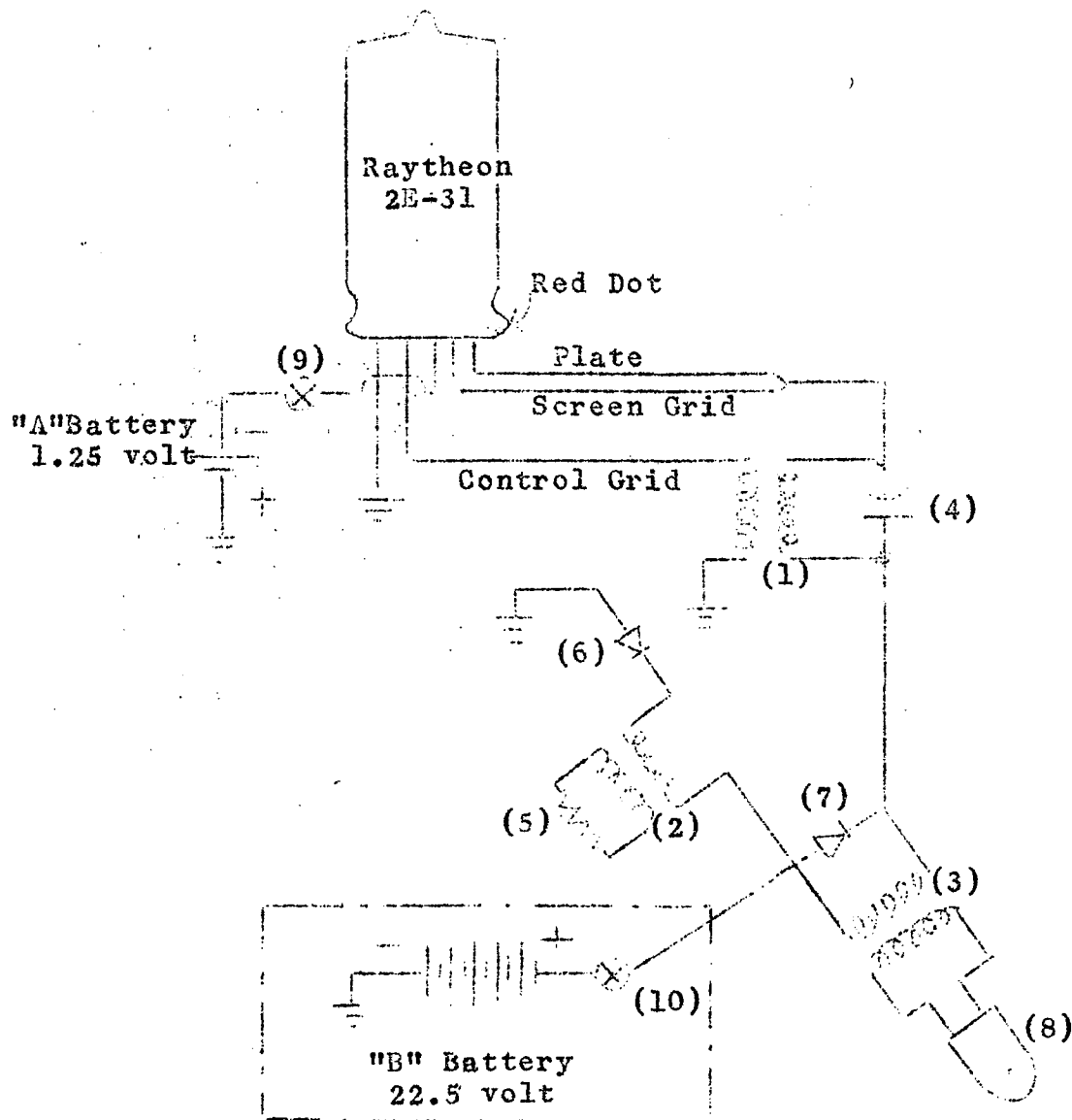
"While many persons may be interested in the possibility of communication with entities on other planes, the communicators regard this of minor value. They are, however, particularly anxious to have it developed and universally used as a personal communication device between persons on this plane. This would eventually result in the greatest and most rapid changes for the better in our social, political, economic and human relationship systems this world has ever seen.

"Crime, sin, duplicity, and other unworthy deeds flourish only in secrecy and anonymity. Few are so depraved as to commit such



deeds in the full light. In any form of telepathic communication the minds of both parties are laid bare. It is impossible to conceal any evil or low intent. If a man wanted to be a stinker; but he could no longer, as now, masquerade as the Honorable So-and-so from here-or-there. His own awareness of his intent and purpose would be so vividly in his mind that anyone who contacted him would instantly be aware of it. Few could stand the resulting contempt.

"If, on the other hand, the device were developed secretly and monopolized by any group or nation, it could result in the greatest evil the world has ever known, since it could be used to hypnotically control the thinking of others. It is essential, therefore, that the information be so widely distributed that it will be impossible for any one person or nation to monopolize it.



## DATA ON PROJECT HERMES DEVICE

- (1), (2) & (3) Coils. Original information specified Meissner Co. Nos. 14-1074, 14-1072 and 14-1071, respectively. It now appears that these are probably too low in frequency to work. See possible alternate coil data below, worked out by Ed John.
- (4) 3.9 to 14.5 variable condenser, Hammerlund BFC 12 or equal.
- (5) Carbon resistor, 3 to 6 megohm, exact value not critical.
- (6) Crystal diode, Raytheon CK-705 or Sylvania 1N34.
- (7) Crystal diode, Raytheon CK-708 (might sub CK-705 here).
- (8) Cartridge unit only from variable reluctance phono pickup.
- (9) Rheostat, exact value not critical.
- (10) Push button or momentary contact switch.

--- Indicates ground to chassis. If metal chassis is not used, connect these points together with wire.

ALTERNATE COILS - The only experimenter who secured any results made his coils as follows: (1) & (2), 10 turns on each primary and secondary of #17 silver wire,  $\frac{1}{4}$  in. diameter of coil, and spaced to occupy a total length of about  $\frac{1}{2}$  inch. (3) same as above except that 12 turns were used on each primary and secondary. The primary and secondary of each coil were placed side by side about  $\frac{1}{4}$  in. apart, and the coils were arranged in triangular fashion to prevent induction from one to the other. (Note: primary and secondary coils could be placed end to end if desired.) To wind coils use two pieces of wire and wind side by side on a round rod or pencil. Slide both off the rod and unscrew one out of the other, giving you two matched coils.

The above coils produced somewhat erratic results and rather weird psychic phenomena, and are perhaps too high in frequency, which may put them into an undesirable astral range. It is suggested that several different size coils be tried. For convenience these can be arranged on some sort of a plug-in mounting board for quick interchange.

TUBE NOTE - The 2E31 tube is a sub-miniature tube developed for pocket size radios, and available only from Raytheon. It has wire leads long enough to permit connecting into the circuit without a socket. Sockets are available, however, which would make tube replacement easier; in which case the leads are cut shorter to form pins. Almost any small tube could be substituted in case of necessity. (And now in 1960 Transistors and GE Tunnel Diodes are available for operation in this ultra high frequency range, with far less battery drain than the Raytheon tube. Crabb)

BATTERY AND SWITCH NOTE - A standard flashlight battery, when new, has a voltage  $\frac{1}{4}$  volt higher than specified for the tube. A penlight cell may be used, however, as the voltage soon drops under load. The "A" battery leads could be soldered directly to the battery, or some sort of spring mounting clip

devised. The power should be turned on by a small rheostat, rather than a switch, as the first inrush of current might otherwise be excessive. To prevent the possibility of tube burnout the "A" battery should always be turned on before the "B". A momentary-contact or push-button type switch is recommended in the "B" battery lead. Then, in event of undesirable psychic results, the natural reaction would be to release the switch, thus shutting the device off.

GENERAL NOTES - Ultra high frequency devices such as this are very sensitive to induction between parts. In circuit diagrams lines are often shown parallel as a matter of drafting convenience. In actual construction they should run at angles to each other and be kept as short as possible.

The most desirable construction would be to mount the device on a metallic chassis (copper or aluminum), with each of the three sets of coils in their own shielding cans, which should connect to the chassis. It would also be well to enclose the entire device in a metallic box or enclosure, with only the controls and items (5) and (8) projecting outside. These shielding parts could be bent up out of thin sheet aluminum, or made of foil covered cardboard.

MODULATOR NOTES - (Items 3, 7 & 8) Communicators advise that the frequencies involved are intermediate between radio and optical waves. To quote the remarks of Associate John, these are in the "dog house corner of electronics"; too high for wires and too low for wave guides. Since there is no available component (1952, but who knows what's available now in 1960? Crabb) which would respond to the fundamental frequency, communicators are attempting in their circuit to pick up and use as a modulating frequency one of the lower or higher harmonics. The phono pick-up cartridge listed is about the most compact and the cheapest device which would respond to the lower electro-magnetic harmonics. Certain types of magnetic or dynamic microphones might work equally as well. Only the coils and cores function. All other parts are surplus but need not be removed unless desired.

It should also be possible to make the device function with the upper harmonics: in the sub or ultra optical, or the heat, range. Certain types of photo-electric cells will respond to frequencies outside the visible spectrum. To eliminate possible undesired interference from visible light rays, communicators suggest using either infra-red or ultra-violet filters, both plain and polarized. If any change is made in part (8) it will probably be necessary to also make changes in coupling coil (3) which must have the proper characteristics to match (8) to the rest of the circuit.

CAUTIONS - Experimenters should have considerable background in psychic and occult matters, as some possible results might otherwise be a severe mental shock. Most effective use of

the device seems to be when it is bound to the forehead, but this is rather dangerous and Meade Layne urges very great caution in placing it over any chakra area. There is some danger of actual brain cell damage, particularly if the frequency is not correct, or the unit insufficiently shielded. Until much more is known about it than at present, it is recommended that the maximum usage be not more than one hour at a time, and not more than 3 or 4 times in any 24 hours. If the user experiences any distortion of vision or hearing after using the device, or unusual difficulty in concentrating or remembering, discontinue all use until completely normal, and reduce subsequent use to very short periods.

#### AN ELECTRONIC EXPERT'S OPINION ON HERMES

After the initial release of the Project Hermes diagram in 1951, Associate Holland felt the need for an independent opinion on its possible effectiveness, preferably from an electronics expert who had passed over to the invisible worlds. When again in touch with his original communicator on the device, Holland asked for such a contact.

"I was told he had devices by which he could 'connect' with anyone I wished to contact, provided that person was willing and able to talk at that particular time. I suggested Nikola Tesla, and, after a few moments delay, was told that he could and would discuss it for a short time. The following is therefore supposed to be a conversation with N.T., but I should like to warn that I have been frequently bothered by cases of impersonation in these matters, so it should not be taken at face value but analyzed critically.

RMH: Will this circuit which I have before me work? Will it do what is claimed for it?

NT: (After a slight delay) It is essentially correct. Quite crude, and capable of a great deal of refinement.

RMH: Do you wish to suggest any change? I would be pleased to make them.

NT: No. It would be difficult to make you understand, and still more difficult for you to accomplish with available facilities. It is very crude but it will do.

RMH: I have here a letter from an Associate which postulates a baat-note theory. Can you get its contents?

NT: Yes. I can get anything you have in your mind.

RMH: Is his hypothesis correct?

NT: Yes and no. There is some heterodyning involved, but it is a direct communication device essentially.

RMH: I had always assumed that mental waves were far above radio range. If this is a direct communication device, then they (mental waves) must be in radio range. Is that correct?

NT: Yes, they are within the range of conventional radio apparatus, if they are sensitive enough, although a radio receiver would not detect it except as low-level interference. Radio re-

ceivers are not properly constructed to translate the thought waves

RMH: Could you tell me the exact frequencies of these thought waves?

NT: I must convert them into terms which you will understand.

(Several moments delay) Each individual has a frequency of her or his own, just as each radio station has its own frequency. Each plane, however, has a normal range, with individuals on that plane on some frequency within that range. Beginning at the lowest level, there is a group of demonic and elementary entities in the range of about 10 to 20 myriacycles. The lowest astral level begins at about 30 and continues upward to about 80 for the higher astrals. Those on the planetary etheria levels communicate on a range of about 70 to 90. You will note there is a great deal of overlapping. In fact, there are no firmly fixed lines between levels. They just merge into one another. The thought waves of the embodied "here living" persons of your planet are within the range of about 10 to 40 myriacycles, with 20 being about the normal average. Thus you will note that there are many who, unfortunately, are in direct contact with the lower astrals. Many of them may be unaware of it but are influenced by it. Most of your people are sensitive only to frequencies very near their own, but there are some, including the true mediums, who have the ability to tune their mental vibrations to higher or lower ranges at will.

RMH: I should think that radio and other apparatus would cause a lot of interference on other planes.

NT: It does. Since the birth of your electronics age, there has been a terrific din here. Radio and television is no problem. Your FCC can be influenced not to grant licenses for the particular frequencies which we know will disturb us. They do not realize it, but they are under constant watch and guidance from other planes. In the case of some other apparatus, the problem may be more difficult, and more direct and drastic action may be required at times. After a man has had his peace and quiet disturbed for about so long, he is going to go out and silence the source of it. He will usually be polite about it, if he can be, but by Gad, sir, he intends to stop it regardless!

RMH: I didn't know that those on higher planes were subject to such human instincts and failings.

NT: You know better than that. Don't forget that "higher" merely refers to vibrational levels, and not necessarily moral instincts. I would remind you that, when you first began to recall your life on Venus Etheria, the details were so much as they are on your present plane that it was a few years before you realized that it was not on Venus Materia, as you first assumed. I have never been there but I doubt that all was sweetness and peace.

RMH: No. As I recall, there was a lot of variation between individuals. The general level seemed to be higher than here, but there was band and good. They seemed to live and love and hate and hope just as those on any other plane. As you

say, that fact confused me for a long time, although I was aware that Venus Materia was not ordinarily regarded as habitable by higher incarnates, and that life forms were on a rather low order there.

NT: That is my understanding. I have never been to either.

RMH: However, they know you there. I assume that you must be of Lemurian origin, to use the Earth designation, and I understand that they usually discarnate to Terra Etheria.

NT: That is correct. Some of us have visited your Etherian Nors there, but I have never happened to be one of those. If they know of me, it must be from contacts which I have made with them on Terra Materia at times.

RMH: I assume that is it. At any rate, sir, you are highly regarded by my people. But to get back to Project Hermes, which as you perhaps know was so named because he was the messenger of the gods and this device can perhaps communicate with some of those whom the early Tellurians regarded as gods --

NT: The name is appropriate. One name is as good as another.

RMH: The question I wished to ask, sir, was regarding the secrecy of the thing. My communicator fears that it could be misused if it should fall into the wrong hands, and could cause great harm. He therefore urges that it be restricted to only those of good will.

NT: That is impossible! Who is to judge who is of good will? How are you going to prevent leaks? No. If you get it developed, give it to the world, without reservations. Every new thing will cause some harm. That is the nature of new things. You have to take the bad along with the good. But, on the other hand, who is to say which part is bad and which part is good? That is all in the point of view. But I do not wish to get involved in a philosophical discussion of good and evil. That is not my forte. I have never considered that part of it in my work. We must do our job and let the chips fall where they may. I cannot spare any more time now, so goodbye."

\* \* \*

#### THE BEAT NOTE FREQUENCY

Here are a few paragraphs from the letter to which Holland referred in his talk with Nikola Tesla. The letter to Holland was from Associate Ed Schultz in Buffalo, New York.

"It has been my hunch-theory that when any earthian circuit oscillates it also produces at the same time, overtones of higher octaves, in the matter of hyperspaces, corresponding to mental-matter frequencies, astral-matter frequencies and to etheric-matter frequencies. And we know that etheric matter is part of our physical spectrum of matter, which brings us right next door as it were to the potentialities and responses of our gross circuit elements and components. Now let's see what could happen here. Suppose your Project Hermes oscillator circuit is perking

away and at the same time oscillating in terms of the higher-octave, overtone matter of the mental, astral and etheric planes.

"It is then not impossible to envision the mental frequency octave heterodyning with the astral octave, to produce a beat-note. Then suppose that beat-note heterodynes with the ether octave and produces a beat-note within the range and frequency of our earth plane hookup. This would complete the cycle and -- we are in tune with mental frequencies. We can note that, if we dispense with the mental matter octave and begin with the astral, the whole thing would form the basis of an astral communication instrument, the objective of the ages."

\* \* \*

#### ASSOCIATED JOHN'S COMMENTS

"This device is a sneaker. It works and it works well. Perhaps too well. I have discovered that it isn't wise to use it too often, as it tends to stimulate some unused portion of the brain, and causes kickbacks of some rather strange psychic phenomena, even semi-materializations of objects that happen to be uppermost in the operator's mind at that time of particular use.

"I have already tested it on many others and it has not yet failed to make some sort of a response on every test person. Some experience great clairvoyance. Others see beings in other worlds, and still others see and hear both backwards and forwards in time. Others merely see the souls of those who have died some time ago. . .

"Your subjects no doubt are too tense as yet to feel any of the feeble radiations from the set. . . A nervous, irritable and somewhat frightened person will perhaps get only a headache. . . Make certain of several factors in your subject first: A, that he does not have to 'go someplace' in a hurry; B, that he is relaxed; C, that he has a decided curiosity regarding what he'll hear or see; D, that he tries to contact some definite person of whom he has read or heard of in history of mythology.

"Naturally, when one puts one of these devices on and sits there with an expectant look on his face, and a blank mind, that's just what he gets, a blank. Remember this device is a two-way apparatus, and if one wishes to hear someone he must send out a call to someone. . . Beings of other dimensions wait until they are called then they try to answer. Remember they are afraid of being called 'queer' in their world, too; so why should they try to start to speak to someone just because that someone built a receiver to perceive them?

"The receiver works and well, too, but give it a chance. Wait until you are in a mood to have an open mind and wish to see and speak to persons in ancient Egypt or other parts of the earth. It's especially effective in conversing with the people

who land spaceships here from Orion, Arcturus and the Great Bear constellations.

#### NEWLY MARRIED POOR SUBJECTS

"Young people who are newly married are the poorest subjects. They only get a headache. The next poorest are those who have many legal troubles and too much business on their brains. Then for the average person it will work to a degree but the best are those who live and work on the sea, boatmen or fishermen who care not much for earthly things and have a slight knowledge of the occult. Weak mediums are better than these but keep it away from well developed, strong mediums."

So there you have it! Ed John reported almost 100% success with Project Hermes, and all others, of those reporting to BSRA Headquarters in 1952 and 53, reported 100% failure. This wide gap leaves us just about where we started in 1951. The present director of BSRA obtained zero results with the model he built in Honolulu in 1952, though no test equipment was used to discover if the thing was even oscillating properly, or if it would oscillate! Read over Ed John's letters to Meade Layne describing his successful operation of the device and you get an idea of what may happen to you if you succeed in making it work. You'll be out, brother, way out!

A sketch of John's device showed it to be 4 inches high,  $1\frac{1}{2}$  inches wide and  $\frac{3}{4}$  inches thick. He fastened a small plastic block to the back, and provided a headband so it could be worn on the forehead. The tube and resistor were at the bottom, with the tuning condenser in the center, and the phono pick-up unit at the top. The weight of the entire device, not including batteries, was 4 ounces.

#### CAUTION FROM AN ASSOCIATE IN FLORIDA

Associate H.M.Wagner of DeFuniak Springs has had his own other-world contacts for years. He took up Project Hermes with them and discovered the same guarded optimism about it. Below are excerpts from his April, 1952 letter to Hdq as released by Meade Layne to the Associates.

"Had a report last night on Project Hermes. Our informant says there is a good basis for the project. Present layout must be greatly modified. Delicate tuning will prove to be essential. Diagram as given very imperfect -- as Tesla seems to have said also -- but it is a start on the way.

"A far better understanding of what the thing is doing and how it produces its effects must be had before it will be safe to use. The effect on the subject using it will be the same as that on a medium who is kept too long at work. Cause undue strain and wear and many would not stand up under it. They can do nothing from their side to control the thing; so a most careful director should



be at hand to superintend its use and avoid overstrain.

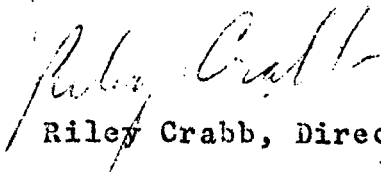
"A different tuning necessary for each brain, and a certain (definite) means for regulating the strength of the stimulus given the brain of the user. In each case would have to be adjusted for the victim at hand, both as to frequency and as to power output.

"Will not work for everyone, but with those of mediumistic ability. Effect is that of a powerful group of sitters. May be valuable in allowing a small group more available material for the Invisibles to work with. Not of value in its present form; but definitely something worthy of experimentation, but not for or by everyone. Being asked if it would help open the channel we were using the reply was that in the future perhaps, dangerous at this stage. 'Let the gadgeteers work with it for now.'"

The present director of BSRA hopes that Associates and other borderland researchers with the necessary technical background will pick up Project Hermes this time and push it through to a successful conclusion. In view of the world situation nine years ago perhaps the 1951 release was premature; I hope that's all that was wrong with it -- no "push" from the other side of the veil. There may be willing cooperation in perfecting it now where there was none or little before. Also, now in 1960, the electronics industry has pushed much farther into that "dog house corner of radio" and we have much better equipment and data available to us.

Anyhow, having read this Borderland Sciences Research Associates publication, you now know as much about Project Hermes as I do. With this, and with the information put forward by J. Gilbert E. Wright, you have plenty to think about, and gadget-data to work with, have fun?

If you wish to share the results of your researches with other like-minded borderlanders, write them in to BSRA, Hdqs. PO Box 548, Vista, California, and we'll publish them in our Journal of Borderland Research.

  
Riley Crabb, Director